

METHOD OF ATTACHING A SEAT BELT TO A SEAT BELT TENSION SENSOR

Abstract

A webbing of a seat belt engages an opening of a seat belt tension sensor. In one embodiment, the webbing is bunched or folded so as to prevent rubbing against the sides of the opening in the housing and anchor plate, or an outer surface of the seat belt tension sensor. The webbing is maintained in a bunched or folded state using either a set of stitches between the two portions of the webbing of the loop; separate sets of stitches in the respective separate portions; a ring enclosing the two portions; separate rings, or ring portions separated by a spacer, enclosing the respective separate portions; or a sleeve, thimble, or thimble portion of the carriage of the seat belt tension sensor engaging the bunched or folded webbing. In another embodiment, the openings in the housing and anchor plate are sufficiently wider than the opening in the carriage, and the carriage incorporates a flange.